

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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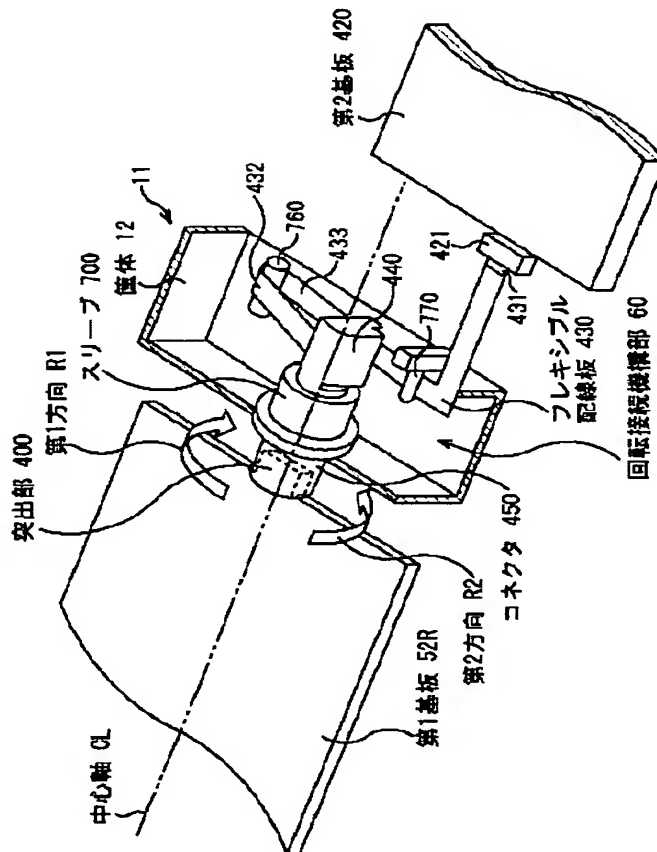
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TITLE : BUILT-IN ROTATING CONNECTION  
WORKING PART AND ELECTRONIC  
APPARATUS HAVING THE SAME



ABSTRACT : PROBLEM TO BE SOLVED: To improve an electronic apparatus with built-in rotating connection structure and its structure itself, acting to stop occurrence of malfunctions, such as wire break without producing a three-dimensional crooked section at the flexible printed circuit board(PCB), even in case the display part is to be rotated with respect to an electronic apparatus and to improve assembling work efficiency.

SOLUTION: The constitution is for housing the flexible PCB 430 to be connected electrically with the secondary PCB 420 within a body 11 of the apparatus 10, the fixed section material 440 to fix the other parts of flexible PCB 430 and the connector 450 to connect the primary PCB 52R via the flexible PCB 430 electrically with secondary PCB 420, by fixing the one part of the primary PCB 52R within the display 50 to the primary part and also by fixing the another part of the flexible PCB 430 fixed at the fixing section with the secondary part. The connector 450 is supported as a rotating mechanism with respect to the body 11 so as to roll the flexible PCB 430 into the fixing section material 440, when the display 50 rotates with respect the body 11 of the apparatus 10.

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